

SCDXC Newsletter



The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

www.dx-code.org

The SCDXC newsletter is published monthly and released to club members around the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles will be republished with recognition of the author and the club. Re-use of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the Editor, Bill, N6RV at:

n6rv@scdxc.org

Club meetings are held on the second Thursday of the month at 7:00 PM except April, July, and December.

Please check the club web site for events and details at:

<http://www.scdxc.org>

If you are in the area please say hello on our repeater:

W6AM/R 145.48, (-) PL 100.0

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*If you need him get in
there and work him"*



November Club Meeting is Live!

**November 9th 7 PM at WEMS
Come Join Us!**

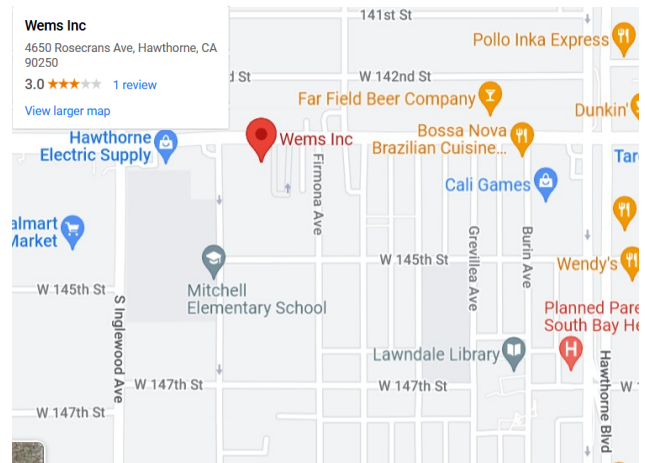
**November Presentation: Eric Swartz
Topic: Elecraft**

The November meeting will be live and on Zoom. You can participate at the link below:

[SCDXC Club Meeting](#)

If you have difficulty with this link try downloading the Zoom app and run this session:

**Meeting ID: 819 8565 2659
Passcode: 154024**



2024 Slate

Elections will be held at the November meeting. Many board members have stated they will not return to the board next year. We need to fill the Vice President and Secretary positions. If we do not have a board this club, that has been around since 1947, will cease to exist. We need volunteers to step up and fill these slots. The workload is very low. We have probably 4 board meetings a year. The toughest job is VP but that work can be distributed among the board and the old hands will help out as well! Please step up and join the board. We want to see SCDXC thrive! There are no more "other guys". It is just us!

2023 Christmas / Chanukah Party

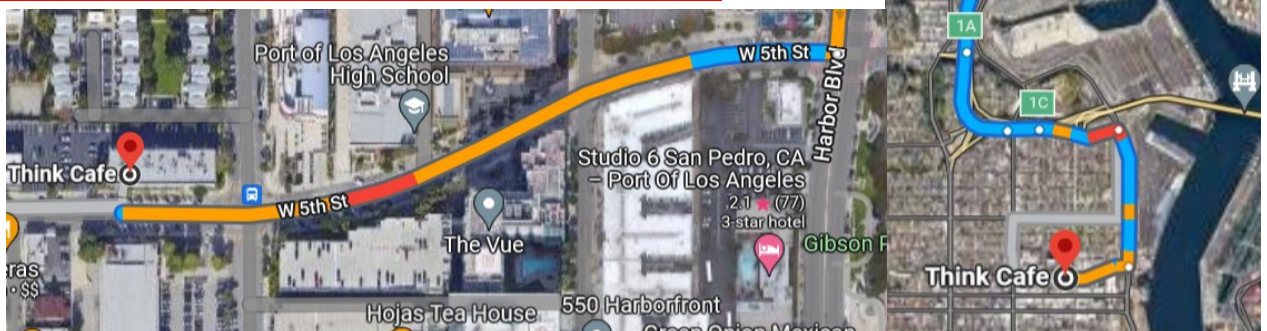
The 2023 holiday party will be on **December 16th, 11AM-3PM** at:

Think Café 302 W 5th Street #105 San Pedro, CA 90731

The cost is \$25 plus tax and gratuity. The menu includes 5 items (NY Steak, Ribeye, Whitefish, Shrimp Scampi Pasta, and Chicken Piccata). Desert is an additional \$5 or we can bring our own.

We will be giving away a Yaesu FTDX-10 transceiver!

There is room for about 45 people so mark your calendars and **please RSVP** with the number in your party to:
n6rv@scdxc.org



2023 Board of Directors

President

John Schroeder, N6QQ

Vice President

Howard Elovitz, W6FL

Treasurer

Bill Kendrick, N6RV

Secretary

Don Minkoff, NK6A

Director

Bill Erickson, N6MXU

Director

Jeff Wolf, K6JW

Director

Larry Mallek, K6YUI

APPOINTEES

Repeater Chair

Chip Angle, N6CA

Newsletter Editor

Bill Kendrick, N6RV

Webmaster

Jim Shryne, N6DHZ

From the Desk of the President John Schroeder, N6QQ

Greetings from the Southern California DX Club!

Our November meetings will include a vote for our next year Board of Directors and other positions. We still need two more spots to fill: Vice President and Secretary positions. The Secretary position would have to join in 4 board of director meetings. You would not need to come to our onsite meetings. The Vice President has 2 tasks to do. First, is buying our prizes for our Raffle. Second, to introduce our Speakers. You will get help in finding the lucky speakers. Ask your friends, if they would like to give one of positions a try.

The name of Turkey has been changed officially on 26 May 2022 as Türkiye (Türkiye). The DXAC committee has a new project. There has been a name change in 5 countries. Now, the committee will need to advise ARRL if they want to update the names for our DXCC records.

During October, a contest called JARTS World Wide RTTY Contest was going on. It was fun watching the testers AGE. AGE was part of the exchange.

The youngest was 62, and the oldest was 92. Most of the ages were in the 70's. I wonder what the operator age's are in the other contests ??

Both 10 and 12 meters are now open to Europe every day.

See you at our November meeting!

73 de John, N6QQ

President, SCDXC

N6QQ@scdxc.org



We have a new DXCC Card Checker in our area, Jeff Wolf, K6JW. Jeff also picked up # 335 with ZD9W. Congratulations!

November Calendar

November 2

November 9

November 11

November 18

November 25

NRAU 10m Activity Contest

Regular Meeting 7 PM at WEMS

JIDX Phone Contest

LZ DX Contest

CQWW DX Contest CW

For more contest Info see:

<http://www.hornucopia.com/contestcal/contestcal.html>

VP Corner November 2023

Howard Elovitz, W6FL

SteppIR represented by Chris Azzaro GM for Consumer and Jeff Woehlert Engineering manager gave an update on new and updated SteppIR products. I want to thank our speakers for an interesting presentation.

Our November 9th meeting presenter will be Eric Swartz WA6HHQ



Howard, W6FL

Eric Swartz, WA6HHQ is Elecraft's Chief Operating Officer and co-founder of Elecraft with Wayne Burdick, N6KR in 1998. Eric is a co-designer of Elecraft's K4, K3S, K2 and other transceivers. Licensed 49 years, he credits his early interest in Amateur Radio with leading him to a career in electronic design and management. Eric received his B.S. in Engineering and Applied Science from Yale University and has been involved in a number of successful Silicon Valley startups. Prior to Elecraft, Eric was co-founder and President of Verisys, a test equipment manufacturer of high-performance protocol analyzers for the mass storage market. Wayne and Eric have both been inducted into the QRP Hall of Fame and jointly received the ARRL's Technical Excellence Award in 2001 for their Elecraft designs.

DXing has been fun with over 6 DXpeditions active at the same time and more will be activated this year. The expeditions have provided opportunities for band fillers and new countries.

Last topic is we need two volunteer for SCDXC positions of Vice President and Secretary. The VP role will get relief on the workload next year with getting presenters and all meetings are recorded helping the secretary resulting in about 4 hours of work for the year. Please consider volunteering to help move the organization in a positive direction.

**Till next month Best of DX.
73 and Good DXing!
Howard W6FL**



***Every DXpedition is the WORST EVER....
UNTIL IT'S IN YOUR LOG***

Rumors on the Band

November is another busy month! You can pick up the ones you missed (TJ H40, H44, A2, VK9X, XW, 9L). Don't forget the CQWW CW DX Contest at the end of Nov and the SSB this weekend!

QTH	Call	Start Date	End Date	Information
North Cook Isl.	E51JAN	Now	6-Nov	SP9FIH 160-10 SSB
Chatham Isl.	ZL7/SP5EAQ	Now	4-Nov	ZL7/SP5EAQ
Vanuatu	YJ0CA	Now	5-Dec	VK2YUS 40-10m SSB
Botswana	A25RU	Now	13-Nov	R7AL SP6EQZ RA1ZZ OK8AU R5EC RW9JZ UA3QLC 160-6m SSB CW Digi
Temotu	H40RH	1-Nov	9-Nov	OE1JUN HF CW Digi
Cameroon	TJ9MD	2-Nov	15-Nov	Large Group 160-6m SSB CW Digi
Cocos Keeling	VK9QO	2-Nov	15-Nov	JA3JEP JH6RTO JA1COU JI1LET 80-6m CW SSB Digi
Timor Leste	4W8X	6-Nov	5-Dec	Large Group 160-6m SSB CW Digi
Chatham Isl.	ZL7A	9-Nov	22-Nov	JF1OCQ JA1SVP JE1SYN 160-10m SSB CW Digi
Solomon Isl.	H44WA	15-Nov	29-Nov	WA7CPA, N7QT N7JP N9ADG NU7J WC7Q 160-10m CW SSB Digi
Laos	XW4DX	16-Nov	27-Nov	F4BKV F4HAU F2DX F5PTM F8AVK 160 40 20 17 15 12 10m CW SSB Digi
Christmas Isl.	VK9XGM	21-Nov	5-Dec	GM3WOJ GM4YXI 80-10m SSB CW Digi
Sierra Leone	9L5M	23-Nov	5-Dec	M0KRI 80-6m CW SSB Digi
St. Martin	TO9W	26-Nov	8-Dec	K9NU N9EP FS4WBS W9AP K9EL 160-6m CW SSB Digi

ClubLog Top 50 Most Wanted Entities

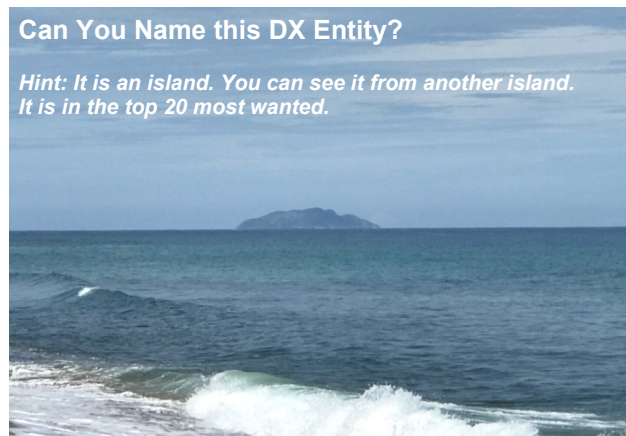
- 1 P5 DPRK (NORTH KOREA)
- 2 BS7H SCARBOROUGH REEF
- 3 CE0X SAN FELIX ISLANDS
- 4 BV9P PRATAS ISLAND
- 5 KH7K KURE ISLAND
- 6 KH3 JOHNSTON ISLAND
- 7 FT/G GLORIOSO ISLAND
- 8 3Y/P PETER 1 ISLAND
- 9 FT5/X KERGUELEN ISLAND
- 10 YV0 AVES ISLAND
- 11 3Y/B BOUVET ISLAND
- 12 ZS8 PRINCE EDWARD & MARION ISLANDS
- 13 KH4 MIDWAY ISLAND
- 14 VK0M MACQUARIE ISLAND
- 15 PY0S SAINT PETER AND PAUL ROCKS
- 16 PY0T TRINDADE & MARTIM VAZ ISLANDS
- 17 KP5 DESECHEO ISLAND
- 18 VP8S SOUTH SANDWICH ISLANDS
- 19 KH5 PALMYRA & JARVIS ISLANDS
- 20 ZL9 NEW ZEALAND SUBANTARCTIC ISLANDS
- 21 FK/C CHESTERFIELD ISLANDS
- 22 VK0H HEARD ISLAND
- 23 EZ TURKMENISTAN
- 24 FT/T TROMELIN ISLAND
- 25 YK SYRIA
- 26 ZL8 KERMADEC ISLAND
- 27 KH8/S SWAINS ISLAND
- 28 VP8G SOUTH GEORGIA ISLAND
- 29 XF4 REVILLAGIGEDO
- 30 FT5/W CROZET ISLAND
- 31 KH1 BAKER HOWLAND ISLANDS
- 32 KH9 WAKE ISLAND
- 33 SV/A MOUNT ATHOS
- 34 JD/M MINAMI TORISHIMA
- 35 VK9M MELLISH REEF
- 36 FT/J JUAN DE NOVA, EUROPA
- 37 FO/C CLIPPERTON ISLAND
- 38 TI9 COCOS ISLAND
- 39 HK0/M MALPELO ISLAND
- 40 KP1 NAVASSA ISLAND
- 41 VK9W WILLIS ISLAND
- 42 FT5Z AMSTERDAM & ST PAUL ISLANDS
- 43 H40 TEMOTU PROVINCE
- 44 ZD9 TRISTAN DA CUNHA & GOUGH ISLANDS
- 45 7O YEMEN
- 46 VP8O SOUTH ORKNEY ISLANDS
- 47 XZ MYANMAR
- 48 ZK3 TOKELAU ISLANDS
- 49 3C0 ANNOBON
- 50 3D2/C CONWAY REEF

CADXA Most Wanted DXCC Entities

ClubLog Most Wanted DXCC Ranking

Can You Name this DX Entity?

*Hint: It is an island. You can see it from another island.
It is in the top 20 most wanted.*



DX Standings

Thanks to Mark, K6FG, Jeff, K6JW, Bill, N6WS, Bill, N6RV and Terry, K9TAD or their updates!

If you are a new member please join ClubLog and then sign up for the Southern California DX Club. If you need help email me. Send any updates to:

N6RV@SCDXC.org

SCDXC WAZ and DXCC Standings

The first WAZ column is the confirmed zone count on 10 bands 160 - 6 (less 60 meters). The second column is the regular 5BWAZ confirmed count. The following are the codes that follow the two columns and indicate the awards:

M	Mixed
P	Phone
C	CW
R	RTTY

SCDXC Lifetime Standings									
Rank	Call	Current	Total	Slots	Rank	Call	Current	Total	Slots
1	W6KH	340	389	0	54	W6HB	311	311	1029
2	JA1BK	340	383	3232	55	NK6A	310	316	957
3	K6YRA	340	378	2777	56	N6WT	306	306	1879
4	OH2BH	340	378	0	57	N6GP	299	314	1583
5	N0FW	340	372	2978	58	K6IRD	292	302	649
6	K6YUI	340	366	2608	59	N6PM	290	291	1861
7	NS6C	340	361	2615	60	W6ZL	287	291	1074
8	W6SR	340	359	2799	61	WA6HXM	275	275	0
9	K6FG	340	357	2772	62	WA6WXD	274	274	0
10	K6G XO	340	355	2633	63	N3BKV	269	269	0
11	K5KT	340	355	0	64	K6VC	264	267	0
12	W8DX	340	353	2449	65	KJ6HZ	247	252	0
13	W6TK	340	351	1781	66	N6AA	247	247	0
14	W6VX	340	349	2772	67	W6KC	246	248	743
15	N6HC	340	349	2377	68	KQ6K	243	244	0
16	W6KK	340	349	1921	69	NE6V	239	239	917
17	K6ND	340	348	2790	70	K6JEY	234	234	0
18	WA5VGI	340	348	2773	71	N6HE	229	238	746
19	KJ6Y	340	348	1439	72	N6VOH	222	251	0
20	N6PEQ	340	347	2040	73	W6YLZ	219	220	0
21	WA6WZO	339	357	0	74	K6AFW	204	204	917
22	N6RV	339	356	2483	75	WB6DJI	200	200	589
23	N6QQ	339	356	2315	76	AA6DW	196	202	402
24	N6WS	339	351	2640	77	K0XP	170	171	0
25	K6RO	339	348	2363	78	N6LL	169	169	0
26	KR6C	339	345	2135	79	W6GA	169	168	0
27	W6TJI	338	355	0	80	KF6I	166	166	200
28	W6IRD	338	354	0	81	KC6TOD	166	166	0
29	W6RW	338	352	2295	82	KK6M	162	192	0
30	W6FL	338	352	1584	83	K7LA	160	160	466
31	N6HY	338	346	2424	84	K6FOD	154	154	0
32	N6MG	338	338	0	85	K9TAD	150	150	0
33	N6RW	337	372	2773	86	W6QE	149	149	365
34	W6OU	337	356	1599	87	WC2S	146	146	0
35	AI6Z	336	349	2189	88	AB9A	141	141	224
36	N6IC	336	347	0	89	NZ6L	137	178	158
37	K6JW	335	341	1337	90	N6CA	133	133	386
38	N7NR	335	354	1288	91	K6NGO	130	130	0
39	SM5GMZ	335	346	2454	92	K6MKL	126	126	0
40	K4ST	335	339	2065	93	WD6Y	125	125	274
41	K6DW	334	343	302	94	AB6A	109	109	287
42	K2IXQ	334	339	1794	95	N6PCD	105	105	246
43	N6MXU	333	337	1666	96	K6BBC	103	117	216
44	W6SW	331	339	540	97	N6YQ	100	128	0
45	K6SY	331	337	1157	98	WA6MEM	100	100	0
46	W6DR	331	336	1889	99	W6CCC	95	95	211
47	K4SX	331	335	1782	100	K6PGH	63	63	0
48	N6AX	330	336	1679	101	W6MPB	61	61	0
49	AA6PW	330	331	1775	102	K6LAC	46	46	0
50	K7MY	320	324	1281	103	K6YIC	43	43	92
51	AC6MW	313	315	0	104	NY6Y	28	28	0
52	N6DHZ	312	318	1440	105	KJ6YL	14	14	0
53	N6VNI	312	314	1514	106	KC6CQD	1	1	0

WAZ Standings				
Rank	Call	11B	5B	Awards
1	N0FW	424	200	M/P/C/R/5
2	K6ND	415	200	M/5
3	WA5VGI	415	200	M/P/C/R/5
4	N6WS	414	200	M/P/C/R/5
5	W6SR	384	200	M/P/C/5
6	K6FG	376	200	M/P/C/R/5
7	SM5GMZ	373	200	M/P/C/5
8	W8DX	357	200	M/5
9	N6AW	355	200	M/P/C/5
10	K6YUI	353	200	M/P/C/R/5
11	W6RW	344	200	M/P/C/5
12	K6YRA	337	200	P/5
13	W6VX	352	199	M/P/C
14	W6TK	369	198	
15	K6G XO	358	198	M
16	N6HY	365	196	M/P/C
17	N6RW	403	195	
18	N6WT	385	195	
19	N6RV	383	195	
20	K6RO	379	195	M/P/C
21	W6FL	253	195	
22	AI6Z	321	194	
23	N6PM	374	193	
24	NS6C	368	193	M/P/C/R/5
25	KR6C	342	192	
26	N6QQ	343	189	
27	N6PEQ	338	188	
28	W6DR	348	187	
29	W6OU	307	186	
30	N6GP	313	185	
31	K4ST	310	185	
32	W6KK	307	185	
33	N6DHZ	295	182	
34	AA6PW	298	181	
35	N6VNI	291	181	
36	K6SY	299	178	
37	KJ6Y	237	173	
38	N6HE	253	168	
39	W6ZL	253	166	M/P/C/R
40	W8GJK	301	162	
41	K6JW	244	158	
42	NK6A	290	157	
43	W6KC	217	156	
44	W6YLZ	151	288	
45	K7MY	258	159	
46	N6MG	241	150	
47	NE6V	256	149	
48	K6AFW	218	149	
49	KK6M	173	140	
50	K0XP	171	140	
51	AC6MW	210	133	
52	K6IRD	220	130	
53	W6SW	154	126	M/P
54	W6IRD	102	112	
55	WD6Y	163	104	
56	K6VC	145	96	
57	N6PCD	144	92	
58	K6DW	143	118	
59	WC2S	201	115	
60	K6NGO	191	110	
61	K6FOD	160	106	
62	K9TAD	105	91	
63	NZ6L	104	82	
64	K6PGH	45	42	
64	N6HC	17	13	
65	WB6DJI	11	8	



2023 Get Schroeder Contest

1A0	4S	7Q	A3	CE9	E7	FK	GI	HS	KH0	LZ	PJ7	T2	TY	VK9L	VU4	YV0
1S	4U1ITU	7X	A4	CN	EA	FK/C	GJ	HV	KH1	OA	PY	T30	TZ	VK9M	VU7	Z2
3A	4U1UN	8P	A5	CO	EA6	FM	GM	HZ	KH2	OD	PY0F	T31	UA	VK9N	XE	Z3
3B7	4W	8Q	A6	CP	EA8	FO	GU	I	KH3	OE	PY0S	T32	UA0	VK9W	XF4	Z6
3B8	4X	8R	A7	CT	EA9	FO/A	GW	IS0	KH4	OH	PY0T	T33	UA2	VK9X	XT	Z8
3B9	5A	9A	A9	CT3	EI	FO/C	H4	J2	KH5	OH0	PZ	T5	UJ	VP2E	XU	ZA
3C	5B	9G	AP	CU	EK	FO/M	H40	J3	KH6	OJ0	R1F	T7	UN	VP2M	XW	ZB2
3C0	5H	9H	BS7H	CX	EL	FP	HA	J5	KH7K	OK	S0	T8	UR	VP2V	XX9	ZC4
3D2	5N	9J	BU	CY0	EP	FR	HB	J6	KH8	OM	S2	TA	V2	VP5	XZ	ZD7
3D2/C	5R	9K	BV9P	CY9	ER	FS	HB0	J7	KH8S	ON	S5	TF	V3	VP6	YA	ZD8
3D2/R	5T	9L	BY	D2	ES	FR/G	HC	J8	KH9	OX	S7	TG	V4	VP6/D	YB	ZD9
3DA	5U	9M2	C2	D4	ET	FR/J	HC8	JA	KL7	OY	S9	TI	V5	VP8	YI	ZF
3V	5V7	9M6	C3	D6	EU	FR/T	HH	JD1/M	KP1	OZ	SM	TI9	V6	VP8/G	YJ	ZK3
3W	5W	9N	C5	DL	EX	FT5W	HI	JD1/O	KP2	P2	SP	TJ	V7	VP8/H	YK	ZL
3XA	5X	9Q	C6	DU	EY	FT5X	HK	JT	KP4	P4	ST	TK	V8	VP8/O	YL	ZL7
3Y/B	5Z	9U	C9	E3	EZ	FT5Z	HK0/M	JW	KP5	P5	SU	TL	VE	VP8/S	YN	ZL8
3Y/P	6W	9V	CE	E4	F	FW	HK0/S	JX	LA	PA	SV	TN	VK	VP9	YO	ZL9
4J	6Y	9X	CE0X	E5/N	FG	FY	HL	JY	LU	PJ2	SV/A	TR	VK0H	VQ9	YS	ZP
4L	7O	9Y	CE0Y	E5/S	FH	G	HP	K	LX	PJ4	SV5	TT	VK0M	VR	YT	ZS
4O	7P	A2	CE0Z	E6	FJ	GD	HR	KG4	LY	PJ5	SV9	TU	VK9C	VU	YV	ZS8

Chart Legend	
White / Green	Entity Worked This Year by a Member
Black / White	Very Active Entity Not Yet Worked
Black / Blue	Entity with Announced DXpedition
Black / Yellow	Rarely Active Entity Not Yet Worked
Black / Red	Inactive Entity
	Delete d Entity

October has been very very good! We had not only several DXpeditions but they operated all the way from 160 through 6 meters. Band and mode fillers were everywhere! Even six meters had activity. Keep on DXing!

We have worked 81% of the DXCC List! That must be a record. ClubLog leaders have worked 85%!

IK0OZD leads ClubLog with 275 worked. Peter, N0FW, is in second place with 272 worked. Larry, K6RO is in 12 place and among the group tied for the 6th highest number worked (268). Dick, W6TK, and Bill, N6RV, are in 16 and 17 place respectively and are 2 of the 3 tied for the 7th highest number worked (267). Bill, N6WS, is close behind in 22 place among the group with the 8th highest worked (265). It is really bunched up at the top! Hopefully some of the ones missed earlier this year will show up in the next 2 months! (9L, A5, H40, S9, TJ, VK9X & ZD8)

2023 Get Schroeder Leaders								
2023 Total Entities Worked								290
2022 Total Entities Worked								286
2023 Entities Worked by SCDXC								275
2022 SCDXC Entities Worked								262
2023 Entities Worked by SCDXC Members in SoCal								273
2022 Entities Worked by SCDXC Members in SoCal								262
2023 ClubLog Leaders Entities Worked								290
2022 ClubLog Leaders Entities Worked								285
2023 SCDXC Leader (NOFW)								272
2022 ClubLog Leader (NOFW)								256
Rank	Call	Entities	Last Mo.	Last Yr	Leader	-Tot	-QQ	Uniques
1	N0FW	272	8	10	0	-38	1	0
2	K6RO	268	8	83	-4	-34	0	0
3	W6TK	267	9	16	-5	-33	1	0
4	N6RV	267	7	24	-5	-33	0	0
5	N6WS	265	7	13	-7	-31	0	0
6	N6WT	264	11	5	-8	-30	0	0
7	N6RW	258	15	15	-14	-24	0	0
8	K6ND	248	24	-12	-24	-14	0	0
9	NS6C	242	12	35	-30	-8	0	0
10	WA5VGI	235	18	13	-37	-1	0	0
11	N6QQ	234	10	6	-38	0	0	0
12	W6OU	230	6	7	-42	4	0	0
13	W8GJK	229	13	18	-43	5	0	0
14	W6DR	227	18	9	-45	7	0	0
15	SM5GMZ	211	20	12	-61	23	0	0
16	N6PM	208	8	-5	-64	26	0	0
17	K0XP	187	28	63	-85	47	0	0
18	W6ZL	181	8	25	-91	53	0	0
19	K6AFW	177	16	17	-95	57	0	0
20	N6DZH	176	14	-8	-96	58	0	0
21	K6NGO	173	12	173	-99	61	0	0
22	W8DX	171	11	-19	-101	63	0	0
23	N6GP	157	6	11	-115	77	0	0
24	K7MY	143	31	59	-129	91	0	0
25	NE6V	141	13	39	-131	93	0	0
26	W6LYLZ	139	4	-15	-133	95	0	0
27	N6MG	138	6	125	-134	96	0	0
28	KK6M	135	3	24	-137	99	0	0
29	NK6A	124	7	13	-148	110	0	0
30	WC2S	119	24	39	-153	115	0	0
31	K6FG	117	5	-14	-155	117	0	0
32	WB6DJI	117	0	-40	-155	117	0	0

ClubLog Worked Not SCDXC			
5N	E4	S9	YA
5T	EZ	T5	YK
9L	KH9	TJ	ZD8
A5	R1F	TU	

SCDXC Get Schroeder Standings 2023																
Rank	Call	160	80	60	40	30	20	17	15	12	10	6	Total	Slots	YRS	
1	NDFW	24	62	42	103	106	194	192	216	199	208	31	272	1377	27	
2	K6RO	3	42	46	156	157	225	227	238	220	214	34	268	1566	35	
3	W6TK	3	41	30	136	139	199	222	224	210	198	0	267	1402	66	
4	N6RV	0	32	17	128	132	181	148	192	155	180	46	267	1211	55	
5	N6WS	5	40	27	99	76	133	132	167	175	163	53	265	1070	59	
6	N6WT	8	20	4	61	65	126	80	119	100	114	18	264	715	9	
7	N6RW	8	43	36	113	152	182	178	203	202	189	45	258	1351	65	
8	K6ND	34	30	21	68	69	90	90	93	81	88	5	248	669	32	
9	NS6C	1	4	0	20	45	77	72	81	92	91	22	242	505	66	
10	WASV5J	10	24	67	24	78	71	114	132	91	79	23	235	713	39	
11	N6QQ	0	0	0	36	109	149	155	169	131	119	28	234	896	66	
12	W6OU	0	6	0	19	40	80	57	82	32	47	1	230	364	80	
13	W8GJK	0	21	5	74	67	182	158	182	154	140	16	229	999	16	
14	W6DR	12	23	75	70	94	100	106	100	128	116	20	227	844	53	
15	N6PM	2	18	10	57	69	80	84	89	93	122	7	208	631	29	
16	K0XP	28	4	0	69	22	49	30	84	26	146	0	187	458	31	
17	W6ZL	0	1	0	33	15	102	30	133	32	131	6	181	483	31	
18	K6APW	0	1	0	97	113	91	99	137	118	132	2	177	790	31	
19	N6DHz	0	8	0	15	9	64	35	102	43	116	0	176	392	35	
20	K6NGO	0	0	0	25	33	54	77	65	70	80	8	173	412	3	
21	W8DX	0	0	0	7	11	88	64	61	32	54	2	171	319	66	
22	N6GP	0	6	0	24	8	55	12	59	79	86	12	157	341	35	
23	K7MY	0	6	0	12	9	23	53	66	82	87	3	143	341	46	
24	N6SV	5	10	28	22	28	34	33	36	42	43	6	141	287	27	
25	W6YLZ	0	9	8	5	43	53	55	51	44	27	22	139	317	35	
26	N6MG	7	25	0	36	61	75	77	83	94	76	0	138	534	45	
27	KK6M	0	18	0	35	0	43	0	118	0	66	0	135	280	44	
28	NK6A	0	0	0	15	2	72	3	98	3	62	0	124	255	6	
29	WC2S	0	0	0	0	4	20	23	36	40	62	10	119	195	78	
30	K6FG	8	19	1	7	52	39	61	20	47	44	16	117	314	67	
31	WB6DU	0	0	0	42	45	87	40	38	0	30	17	117	299	30	
32	W6SR	0	0	0	6	2	44	7	53	5	34	7	89	158	56	
33	K6DW	0	0	0	31	0	59	1	56	2	42	1	84	192	16	
34	AA6DW	0	1	0	5	10	40	35	31	12	18	7	82	159	36	
35	KR6C	1	0	0	2	0	7	0	19	2	69	0	77	100	45	
36	N6PEQ	0	0	0	2	2	18	5	31	13	32	0	76	104	37	
37	K9TAD	0	0	0	8	0	39	0	25	0	15	1	55	88	16	
38	K6JW	0	4	0	1	11	13	15	12	15	6	1	52	78	64	
39	NZ6L	0	0	0	13	21	5	10	6	9	1	0	39	65	19	
40	K6FOD	0	0	0	0	3	3	0	27	5	3	0	36	41	5	
41	N6AV	0	0	0	10	14	20	8	10	5	6	0	35	73	1	
42	N6PCD	0	1	0	3	4	1	11	8	13	17	0	35	58	35	
43	W6FL	0	2	3	5	3	5	3	15	12	14	3	30	65	63	
44	WD6Y	0	0	0	0	0	9	11	4	3	5	0	28	32	23	
46	W6SW	0	0	0	0	0	7	0	0	0	1	0	8	8	44	
47	W6KK	0	0	0	0	0	0	0	0	1	1	0	2	2	28	

What Did We Really Work?

Look at this chart!! Could you ever imagine so many entities active in one year and so many every month? In fact SCDXC has worked 81% of the total entities on the ARRL DXCC list. We hope you are getting in on the fun!

The chart below reveals the frequency that certain countries are active. It is a little deceiving. For example D2UY in Angola is active all the time and HC8, Galapagos Islands is missing. If you go back a few years Angola was silent and you could work Galapagos Islands on 6 meters in you car with 100 watts and a mobile whip. Things change and we must strike while the iron is hot! Do not assume that because there is activity, it will always be there. That is how you miss the top of the honor roll! Ask any one of the club members who are at 339!

[illegible]

Who's on 6?

So far the F2 season is nonexistent. The winter TEP and weak Es season did produce some South American and Pacific openings. The biggest catch was N6WS working T2C and nonmember N6KK working W8S and T2C. Nothing was heard at N6RV even though N6KK is 7miles north. So far this year club members worked 83 entities and members in the Southern California area have worked 75 entities, 3/4 of DXCC in less than one year! The leaders have exceeded the half way mark!

		So Cal		At Lrg		Total																																			
	Pfx	Dx	QSOs	Dx	QSOs	Dx	QSOs	Total	NMCA	N6WS	N6RV	N6RW	K6RO	N0FW	N6QQ	WA5VGI	N86C	W6YLZ	W6DR	N6WT	WB6DJI	W8GJK	K6FG	N6GP	WC2S	K6NGO	W6SR	N6PM	AA6DW	W6LZ	NE6V	K6ND	K7MY	W6FL	W8DX	K6AFW	K9TAD	K6DW	K6JW	W6OU	
		75	442	54	83	531	87		53	46	45	34	31	28	23	22	22	20	18	17	16	16	12	10	8	7	7	7	6	6	6	3	3	2	2	1	1	1	1	1	
6	B3B9	1	1	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	3D2	1	10	1	1	1	11	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	4U1UN	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
43	8P	1	1	1	1	1	2	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
48	9H	1	1	1	1	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
50	9K	1	3	0	1	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
59	9Y	1	6	1	1	8	1	1	1	1	1	1	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
71	BY	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
75	C6	1	2	1	1	4	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0		
77	CE	1	17	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0		
83	CO	1	9	1	1	11	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
85	CT	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
86	CT3	0	0	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
87	CU	1	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0			
88	CX	1	14	1	1	16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0		
89	CY0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0			
91	D2	1	3	1	1	5	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
92	D4	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
94	DL	1	4	0	1	4	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
98	ES/N	1	9	0	1	9	1	1	1	1	0	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0		
102	EA	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
103	EA6	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
104	EA8	1	1	1	1	3	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
106	EI	1	2	1	1	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
111	ES	1	2	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
117	F	1	3	1	1	4	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
118	FG	1	4	1	1	6	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0			
121	FK	1	7	1	1	9	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
128	FO	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
139	G	1	4	0	1	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0			
143	GM	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
148	H	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
149	HB	1	2	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
151	HC	1	15	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
152	HC8	1	5	1	1	7	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
153	HH	1	5	0	1	5	1	1	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
154	HI	1	4	1	1	5	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
155	HK	1	9	1	1	11	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
160	HR	1	6	1	1	7	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
164	I	1	3	1	1	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0			
167	J3	1	3	1	1	4	1	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
169	J6	1	2	0	1	2	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
170	J7	1	3	1	1	4	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
172	JA	1	9	1	1	10	1	1	1	1	1	1	0	1	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
179	K	1	23	1	1	27	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0			
187	KH6	1	13	1	1	14	1	1	1	1	1	1	0	1	1	0	1	1	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0			
190	KH8S	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
192	KL7	1	13	1	1	14	1	1	1	1	1	1	0	0	0	1	0	0	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0		
195	KP4																																								

Deleted ARRL DXCC Entities

This month we look at deleted entity #34 Canal Zone.

Prefix	Entity	Cont	Zone	ITU	CQ	+/-	Lat	Long	Prefix
KS4	Swan Is	NA	11	7	-6	17N	84W		
KZ5	Canal Zone	NA	11	7	-5	9N	80W		
OK	Czechoslovakia	EU	28	15	1	50N	15E		
P2	Papua Terr	OC	51	28	10	10S	147E	VK9	
P2	Terr New Guinea	OC	51	28	10	10S	147E	VK9	
PJ2	Neth Antilles	SA	11	9	-4	12N	69W	PJ4, PJ9	
PJ5	St Maarten, Saba, St Eus	NA	11	8	-4	18N	63W	PJ6-8	
PK1	Java	OC	54	28	7.5	6S	107E	PK2-3	



Canal Zone

The Canal Zone was an 10 mile wide area on the Isthmus of Panama which included the Panama Canal. Established in 1903 as a territory of the United States where the canal would be built. In 1979 the region was given back to Panama, probably a bad decision. Nevertheless, Panama gave the US unlimited use, occupation, and control of the region. The US military protects the canal to this date.

Before 1903 the area belonged to Columbia and in 1904 it was supposed to revert back to France. The US backed a rebel contingent who declared Panama a separate republic from Columbia and quickly put together a treaty with the newly formed country. The Panamanians looked to the US for protection even writing it into their constitution. Construction of the canal began in 1904 and was finished in 1914.

As one would assume the Panama Canal has strategic military importance. It shortened the long and dangerous passage from the Atlantic Ocean to the Pacific Ocean by several days and allowed swift access for naval vessels between the two coasts of the United States. This served US interests well during all major conflicts since the canals opening.

Again, unlimited and permanent US access to the waterway was granted by treaty. There was no formal boundary between the Canal Zone and Panama. People crossed between the two simply by crossing a street. The real issue revolved around the fact that the canal cut Panama in half. It was difficult to transit between the two regions. The US did build a bridge however, Panama was not permitted to fly its flag on either side of it. This created tension between the US and Panama that did not cease until the zone was returned to Panama. The Panamanians and "aliens" working in the zone were also paid less than US employees and had limited access to the commissary which supplied most of the food for the zone. This did not help the problem. Also, citizenship of persons born in the Canal Zone was a major issue. It was treated like all other territories. If the father was a US citizen at the time of the child's birth then the baby was a US citizen. Was the child a "natural" born citizen? That was debated when John McCain ran for president in 2008. He was born in the Canal Zone in 1936 to US citizens. One other notable person who lived in the Canal Zone is Stephen Stills of the music trio Crosby, Stills, & Nash. Stills graduated from Lincoln High School in Costa Rica.



In 1989 the US invaded Panama and ousted the de facto leader Manuel Noriega. This action was the result of a failed coupe to overthrow Noriega, backed by Cuba. In fear that Panama would become a Communist puppet, it was decided that the corrupt long time CIA and DEA friend had to go. Noriega worked both sides of the street giving drug lords all over the Americas and the CIA access to Panama for shipment of the their illicit products and banking their money (now where did that money go Mr. Bush?). Noriega was spirited away in his red underwear to a federal prison. Years later he was tried and convicted of drug trafficking, racketeering and money laundering. In that trial Noriega stated that he was paid more than \$10,000,000 by the US Army and CIA for "services" rendered. That testimony was suppressed citing relevance. He was sentenced to 40 years but was extradited to France, tried and imprisoned. He then was extradited and imprisoned in Panama. He died after surgery removing a benign brain tumor in 2017 closing the worst chapter in American/Panamanian history.

Amateur Radio Operations

KZ5KF	1930	1930	KZ5JJ	1956	1956	KZ5PD	1977
K5AB	1931	1931	KZ5JW	1956	1956	KZ5TV	1977
NY1AA	1931	1939	KZ5KG	1956	1956	KZ5VS	1977
K5AA	1932	1933	KZ5VR	1956	1956	KZ5AT	1978
K5AE	1932	1938	KZ5AU	1957	1957	KZ5JB	1978
NY2AB	1932	1933	KZ5BC	1957	1976	KZ5USN	1978
K5AD	1933	1940	KZ5KK	1957	1957	KZ5DX	1979
K5AF	1933	1939	KZ5PE	1957	1970	KZ5AS	1979
NY1AB	1933	1940	KZ5PH	1957	1957	KZ5GM	1979
K5AZ	1934	1934	KZ5QA	1957	1957	KZ5GMT	1979
K5AC	1935	1938	KZ5RF	1957	1957	KZ5HI	1979
K5AG	1935	1935	KZ5US	1957	1967	KZ5IE	1979
K5AJ	1935	1940	KZ5BB	1958	1972	KZ5JM	1979
K5AO	1935	1935	KZ5DN	1958	1958	KZ5OS	1979
K5AQ	1935	1935	KZ5FF	1958	1958	KZ5RE	1979
K5AT	1935	1940	KZ5JN	1958	1958	KZ5RO	1979
NY1AD	1935	1941	KZ5RD	1958	1965	KZ5RX	1979
K5AH	1936	1940	KZ5UR	1958	1959	KZ5TZ	1979
K5AJ	1936	1936	KZ5WU	1958	1958		
K5AL	1936	1936	KZ5DL	1959	1959		
K5AM	1936	1936	KZ5HJ	1959	1959		
K5AN	1937	1937	KZ5JV	1959	1959		
K5AY	1937	1937	KZ5QQ	1959	1959		
K5AY	1937	1941	KZ5TD	1959	1960		
NY1AE	1937	1937	KZ5TR	1959	1959		
K5AU	1938	1940	KZ5DO	1960	1968		
NY2AE	1938	1938	KZ5MQ	1960	1967		
K5AK	1939	1939	KZ5OB	1960	1960		
K5AP	1940	1941	KZ5SE	1960	1960		
NY2AA	1940	1940	KZ5TD	1960	1962		
KZ5AA	1946	1975	KZ5WB	1960	1960		
KZ5AB	1946	1958	KZ5LU	1961	1961		
KZ5AD	1947	1947	KZ5RM	1961	1961		
KZ5AK	1947	1947	KZ5SB	1961	1961		
KZ5AL	1947	1977	KZ5LC	1962	1962		
KZ5AW	1947	1964	KZ5SW	1962	1962		
KZ5AY	1947	1947	KZ5WJ	1962	1962		
KZ5AZ	1947	1947	KZ5FZ	1963	1963		
KZ5BE	1947	1979	KZ5HK	1963	1963		
KZ5CB	1947	1947	KZ5RW	1963	1963		
KZ5CS	1947	1956	KZ5TJ	1963	1963		
KZ5DF	1947	1947	KZ5TT	1963	1963		
KZ5DX	1947	1956	KZ5KY	1964	1964		
KZ5GD	1947	1947	KZ5LAND	1964	1964		
KZ5JO	1947	1958	KZ5WI	1964	1964		
KZ5KJ	1947	1970	KZ5CU	1965	1965		
KZ5QJ	1947	1979	KZ5EX	1965	1965		
KZ5AX	1948	1948	KZ5FX	1965	1966		
KZ5BD	1948	1948	KZ5OA	1965	1965		
KZ5BG	1948	1948	KZ5FU	1966	1966		
KZ5BH	1948	1972	KZ5GL	1966	1966		
KZ5BJ	1948	1948	KZ5MK	1966	1966		
KZ5BK	1948	1948	KZ5MV	1966	1968		
KZ5BS	1948	1948	KZ5NH	1966	1966		
KZ5ED	1948	1978	KZ5RJ	1966	1966		
KZ5EL	1948	1948	KZ5TW	1966	1966		
KZ5ER	1948	1948	KZ5TX	1966	1966		
KZ5FL	1948	1948	KZ5AJ	1967	1968		
KZ5FS	1948	1948	KZ5EM	1967	1967		
KZ5MB	1948	1948	KZ5FG	1967	1967		
KZ5MD	1948	1951	KZ5FN	1967	1970		
KZ5PA	1948	1973	KZ5GN	1967	1967		
KZ5PB	1948	1948	KZ5HOT	1967	1967		
KZ5PW	1948	1965	KZ5LM	1967	1967		
KZ5VB	1948	1948	KZ5MF	1967	1967		
KZ5WG	1948	1948	KZ5MW	1967	1970		
KZ5BL	1949	1949	KZ5NG	1967	1967		
KZ5BZ	1949	1949	KZ5SA	1967	1967		
KZ5CD	1949	1949	KZ5VF	1967	1967		
KZ5CK	1949	1952	KZ5WR	1967	1967		
KZ5FD	1949	1979	KZ5KN	1968	1968		
KZ5GM	1949	1979	KZ5NF	1968	1969		
KZ5IP	1949	1949	KZ5OW	1968	1973		
KZ5LH	1949	1949	KZ5RP	1968	1968		
KZ5LS	1949	1973	KZ5BR	1969	1969		
KZ5RV	1949	1958	KZ5II	1969	1969		
KZ5TG	1949	1957	KZ5IS	1969	1969		
KZ5KJ	1949	1949	KZ5KZ	1969	1970		
KZ5AC	1950	1967	KZ5SF	1969	1969		
KZ5CG	1950	1950	KZ5TA	1969	1969		
KZ5CO	1950	1950	KZ5TK	1969	1969		
KZ5CT	1950	1967	KZ5WH	1969	1970		
KZ5DB	1950	1950	KZ5WPX	1970	1970		
KZ5DE	1950	1950	KZ5AYN	1970	1970		
KZ5EV	1950	1950	KZ5CLN	1970	1970		
KZ5GT	1950	1950	KZ5FC	1970	1970		
KZ5JF	1950	1973	KZ5GW	1970	1970		
KZ5JQ	1950	1950	KZ5IA	1970	1970		
KZ5KO	1950	1950	KZ5KB	1970	1970		
KZ5LR	1950	1950	KZ5LL	1970	1970		
KZ5NM	1950	1951	KZ5LS	1970	1973		
KZ5PC	1950	1951	KZ5MG	1970	1970		
KZ5RS	1950	1974	KZ5MS	1970	1970		
KZ5AP	1951	1951	KZ5NA	1970	1970		
KZ5CP	1951	1951	KZ5NAN	1970	1970		
KZ5CW	1951	1951	KZ5NR	1970	1970		
KZ5GQ	1951	1951	KZ5NW	1970	1978		
KZ5ML	1951	1951	KZ5OC	1970	1970		
KZ5WD	1951	1960	KZ5EE	1971	1972		
KZ5WZ	1951	1958	KZ5MP	1971	1971		
KZ5AF	1952	1952	KZ5EK	1972	1977		
KZ5DC	1952	1952	KZ5LF	1972	1972		
KZ5GF	1952	1952	KZ5OD	1972	1972		
KZ5HA	1952	1957	KZ5PN	1972	1972		
KZ5IL	1952	1952	KZ5RR	1972	1972		
KZ5KA	1952	1952	KZ5SD	1972	1972		
KZ5RL	1952	1972	KZ5CL	1973	1973		
KZ5TP	1952	1952	KZ5KP	1973	1973		
KZ5CH	1953	1953	KZ5PY	1973	1973		
KZ5FI	1953	1953	KZ5QRN	1973	1973		
KZ5QZ	1953	1953	KZ5VV	1973	1973		
KZ5GP	1954	1954	KZ5YM	1973	1973		
KZ5MN	1954	1954	KZ5EH	1974	1974		
KZ5DK	1955	1955	KZ5JA	1975	1975		
KZ5FA	1955	1955	KZ5HP	1976	1976		
KZ5LB	1955	1957	KZ5HW	1976	1976		
KZ5GH	1956	1956	KZ5XY	1976	1976		
KZ5HG	1956	1956	KZ5FR	1977	1978		

If you thought some US possessions were well represented with a ham presence this one takes the cake! There were at least 256 call signs assigned to the Canal Zone. Note that most were 2X2 The 2X3 call signs end in "N" and are the designation for a novice licensed operator. The operations spanned 49 years and there were Navy, Army, and civilian operators.

CANAL ZONE

KZ5AA

RADIO _____ Cing QSO _____ GAT _____

QSO CONFIRMED WITH STATION _____ DATE (ON GMT) _____ TIME (GMT) _____ MHz _____ RST _____ REPORT (RST) _____ MODE _____

Joe O. Gorga Hospital Balboa Heights, Canal Zone Davis F. Gains, M.D. "DAVE"

CANAL ZONE CONTEST PREFIX

KZØDX

QSO WITH _____ DAY _____ MONTH _____ YEAR _____ UTC _____ MHz _____ RST _____ Z-WAY _____

QSO Verified By _____ 73 JAMES R MILLER BOX 283 BALBOA, CANAL ZONE

PSE QSL TNX

AMATEUR RADIO STATION

KZ5KZ

Radio KZ5KZ. This confirms our QSO of 23 Jan. 1970 at 8330 CMT. Ur 21.1 mHz. C.S. sigs were RST 5.97. Tblver. ETOX 5000+ input 500 watts. Ant. 2000. Remarks: Trd. for QSL and great DX QSO!

PSE QSL TNX 73 Joe

JOSEPH L. HICKY, Jr., Box 264, Margarita Canal Zone The Land Desired-The World United WALKER

Radio NY2AE

NY2AE

U.S. SUBMARINE BASE, COCO SOLO C. Z.

UR 21.1 mHz. C.S. sigs were RST 5.97. Tblver. ETOX 5000+ input 500 watts. Ant. 2000. Remarks: Trd. for QSL and great DX QSO!

PSE QSL TNX 73 Joe

CROSS ROADS OF THE WORLD

RADIO. NZ-EZ5

C.Z. **NZ-EZ5** C.Z.

THOSE SIGS THAT RAPIDLY YOUR DIAPHRAGMS ON July 28, 1972 (AT 2000Z) - MUST WERE MINE. YOURS ROARED IN HERE R. I WAS SURE GLAD TO 401. YOU. PLEASE QSL O.B. REMARKS: Trd. for QSL and great DX QSO!

GATUN, PANAMA, C.Z.

HENRY P. KARR HQ. BTRY., 4TH P.A.

CRISTOBAL, CANAL ZONE

KZ5CTSA

TOM AND CECILIA GOVE Box 1224

CANAL ZONE

KZ5QRN

QSO WITH _____ DATE _____ GMT _____ MHz _____ RST _____ Z-WAY _____

KZ5NG 2 Sept 73 0646 2812 599+ Cw

FB DX Stave's Mike GRP?

73 MARK M. SCHIMMENTI NSGA BOX 5028-188 COCO SOLO, CANAL ZONE NN688C

Canal Zone

KZ5KA

Radio WAB 20X Confirming our QSO on 2-22-81 1950Z at 20.2.50 EST. Ur 21.1 mHz. C.S. sigs were RST 5.97. Tblver. ETOX 5000+ input 500 watts. Ant. 2000. Remarks: Trd. for QSL and great DX QSO!

PSE QSL TNX 73

Balboa Heights, C. Z. RAY HOWE

CANAL ZONE

KZ5BD

At the Crossroads of the World

Radio WYHER... acknowledging QSO 19/04/78 WALKER. On 23.1 mHz. C.S. sigs were RST 5.97. Tblver. ETOX 5000+ input 500 watts. Ant. 2000. Remarks: Trd. for QSL and great DX QSO!

PSE QSL TNX 73

Winston A. Webb "Win" QTH Box 1415 Balboa, C.Z.

"CROSSROADS OF THE WORLD"

KZ5CG

Confirming QSO with WY 20X on 20.2.50 EST. Ur 21.1 mHz. C.S. sigs were RST 5.97. Tblver. ETOX 5000+ input 500 watts. Ant. 2000. Remarks: Trd. for QSL and great DX QSO!

PSE QSL TNX 73

CARL G. BROWN, Box 407, Balboa Heights, Canal Zone

KZ5RP

RICHARD T. POMERLEAU Drawer 539, Fort Clayton

KZ5QRN

QSO WITH _____ DATE _____ GMT _____ MHz _____ RST _____ Z-WAY _____

KZ5NG 2 Sept 73 0646 2812 599+ Cw

FB DX Stave's Mike GRP?

73 MARK M. SCHIMMENTI NSGA BOX 5028-188 COCO SOLO, CANAL ZONE NN688C

"CROSSROADS OF THE WORLD"

KZ5CG

Confirming QSO with WY 20X on 20.2.50 EST. Ur 21.1 mHz. C.S. sigs were RST 5.97. Tblver. ETOX 5000+ input 500 watts. Ant. 2000. Remarks: Trd. for QSL and great DX QSO!

PSE QSL TNX 73

CARL G. BROWN, Box 407, Balboa Heights, Canal Zone

CANAL ZONE

KZ5QRN

QSO WITH _____ DATE _____ GMT _____ MHz _____ RST _____ Z-WAY _____

KZ5NG 2 Sept 73 0646 2812 599+ Cw

FB DX Stave's Mike GRP?

73 MARK M. SCHIMMENTI NSGA BOX 5028-188 COCO SOLO, CANAL ZONE NN688C

For Sale

FOR SALE: ELECRAFT K3/100, P3 PANADAPTER, & K-POD

The Radio

The radio is an Elecraft K3/100 (100 watt transceiver), SN 3398. It is extensively optioned, including dual receivers, a full complement of filters, and more. It has the latest firmware installed.

ASKING \$1275 FOR THE RADIO

The Panadapter

The P3 Panadapter is the matching Elecraft panadapter display for the K3 and includes the SVGA interface that enables it to operate with an external monitor as well as with its built-in display. Additionally, the optional transmit monitor is also included.

ASKING \$525 FOR THE P3

ASKING \$1750 FOR THE RADIO AND PANADAPTER TOGETHER

The K-Pod

The K-Pod is a small accessory controller that can be placed anywhere on the operating table with a cable connection to the K3. It has a tuning knob and multiple functional and programmable capabilities for controlling the radio, making controlling common functions very convenient.

List price of K-Pod from Elecraft: \$360

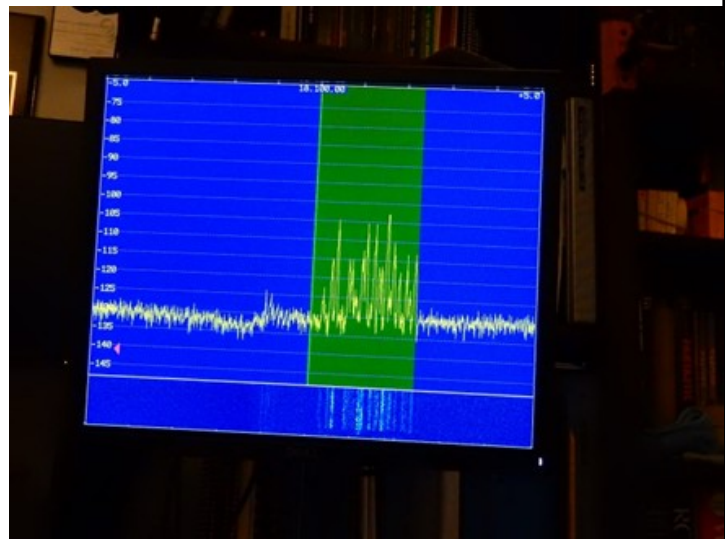
ASKING PRICE FOR THE K-POD: \$200

ASKING PRICE FOR ALL THREE “K-LINE” ITEMS: \$1925

For questions, complete details or to view the equipment,
contact Jeff, K6JW at k6jw@arri.net
Serious inquiries only, please
Local pickup in Palos Verdes



K3, P3, and K-Pod



P3 Output to External

2024 INTERNATIONAL DX CONVENTION

A Great Time with Great Friends

Registration Begins November 15th!!

April 12th - 14th 2024

Registration starts on November 15th at 10 AM. We had our second committee meeting and we are ready to go! We have an Emcee, Josh Nass, K16NAZ, who is a prolific YouTube and Podcast personality. He will bring fresh perspective to the convention! Thank You Josh! If you know of a presentation that could be a candidate for the IDXC please let us know! n6rv@dxconvention.org. Here is an email from Paul, N6PSE. Thank you NCDXC! p.s. Bill Shell, N6WS, is also an SCDXC member!



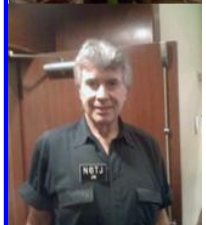
I want to take a moment to thank the members of the NCDXC for stepping up and volunteering as part of the IDXC 2024 organizing team. The SCDXC and NCDXC have combined forces to keep IDXC alive!

- 1) John Miller K6MM: is acting as an advisor/coach and a voice of wisdom and reason.
- 2) Frank Kibbish N6OI: is handling onsite raffle ticket sales
- 3) Rich Seifert KE1B: is handling Raffle Ticket Sales and Shirts and Patches.
- 4) Steve Jones N6SJ is organizing the Saturday Bus Tour
- 5) Paul Ewing: N6PSE: I am organizing DX University and the DX Forum.
- 6) Chris Tate: N6WM Chris is organizing Contest Academy.
- 7) Bill Shell N6WS is coordinating Vendors and Prizes.

I hope that I have not omitted anyone. Thank you to all that are helping to make IDXC 2024 a great success.
Thank you,
Paul N6PSE

2024 CONVENTION COMMITTEE

POSITION	NAME	CALL
Emcee	Josh Nass	K16NAZ
Co-Chairman	Bill Kendrick	N6RV
Co-Chairman	Mel Hughes	K6SY
Treasurer	Bill Kendrick	N6RV
On-Line Registration	Bill Kendrick	N6RV
On-Site Registration	Doris Hughes	K6KSY
Banquet Seating	Mel Hughes	K6SY
Vendors	Bill Shell	N6WS
Prizes	Bill Shell	N6WS
Prize Room	Tom Myrick	N6JOJ
Audio / Visual	Terry Dennison	K9TAD
Program Booklet	Bill Kendrick	N6RV
Special Event Station	Bill Erickson	N6MXU
DX Guests	Bill Kendrick	N6RV
Programs	Gayle Olson	K6GO
On Site Raffle Ticket Sales	Frank Kibbish	N6OI
Raffle Pre Sales	Rich Seifert	KE1B
Shirts / Patches	Rich Seifert	KE1B
DX Card Checking	John Schroeder	N6QQ
Golf Tournament	Skip Bolnick	KJ6Y
Saturday Tour	Steve Jones	N6SJ
Registration Packet Distribution	Mike Binder	NA6MB
Webmaster	Jim Shryne	N6DHZ
Vendor Room	Larry Mallek	K6YUI
DX Academy	Paul Ewing	N6PSE
Contest Academy	Chris Tate	N6WM
Publicity	Bill Kendrick	N6RV
Signage	Rich Bongiorno	W6VX



Resource Page

Useful Sites

N0HR DXpedition Map
www.n0hr.com/wk34/

The DX Zone
www.dxzone.com/catalog/DX_Resources/

The Daily DX
www.dailydx.com/

Announced DX Ops
www.ng3k.com/misc/adxo.html

DXing.info
www.dxing.info/dxpeditons/

DX 425 News
www.425dxn.org/dxped/

DX Italia DX News
www.marioi2mqp.it

DH9SB Weekly DX Calendar
<http://www.dx-info.de>

Southern California Contest Club
<http://www.socalcontestclub.org/>

Sixth District QSL Bureau
www.QSLBureau.org

Propagation

The Sun was doing great up until a few days before this post. We were wondering if the SFI would drop below 150 again. Well, it dropped and boy did it! Right now we are sitting at 119! This is probably a local dip and things will improve for the CQWW DX SSB Contest next weekend! Then again, it may be the start of the middle dip indicating it is a double peak cycle like last cycle. In any event there will be DX galore for the next few months! See you in the contests!

Strongest Cycle Ever?
Biggest Cycle?

Understanding Indices - K9LA

What to Expect During the Rising Years of Solar Cycle 25 - You-Tube

The Termination Event | Space-weather.com

ARRL VE Exam Sessions

To find an ARRL exam sessions in your area go to the website:

<http://www.arrl.org/find-an-amateur-radio-license-exam-session>

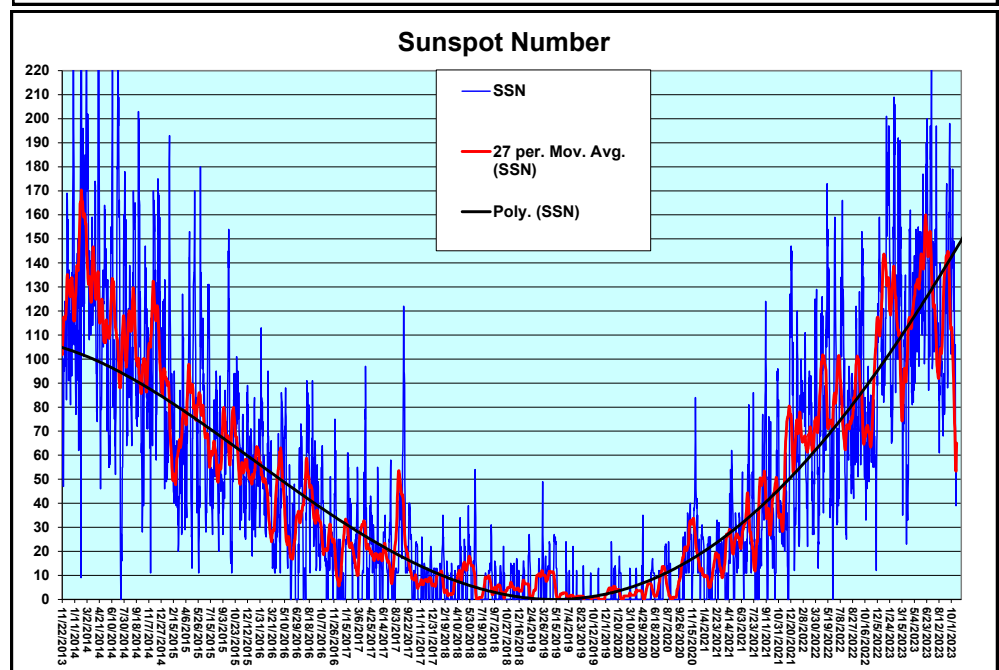
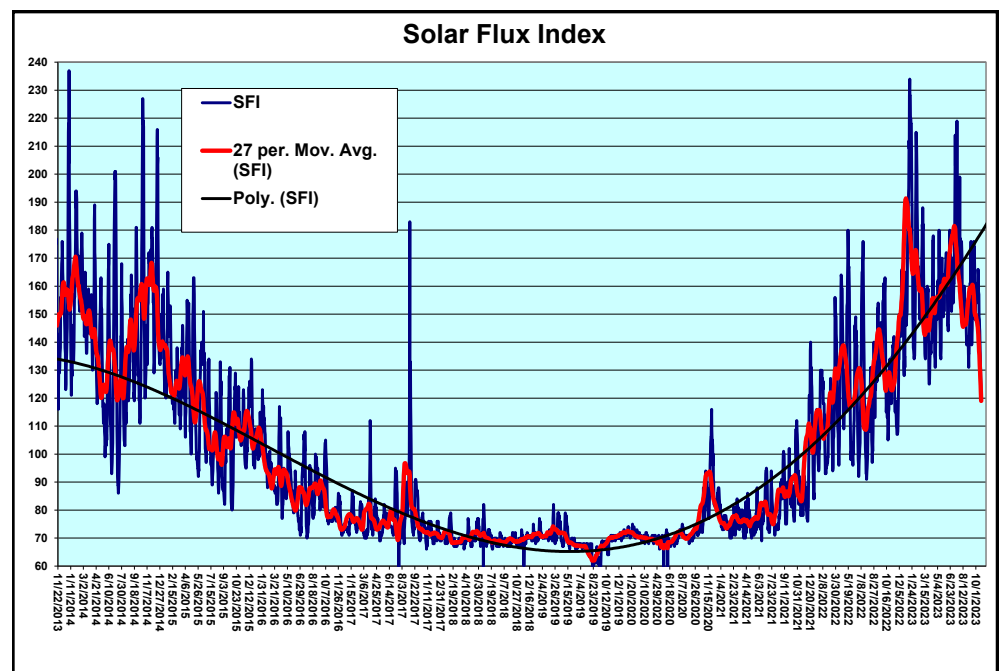
Club and Conduct Sites

Officer Guidelines

http://www.scdxc.org/download/Officer_Guidelines.pdf

DX Code of Conduct

<http://www.dx-code.org/>





Store	E-mail	Direct	Toll Free	Fax
Anaheim	ana@hamradio.com	1-714-533-7373	1-800-854-6046	1-714-533-9485
San Diego	sd@hamradio.com	1-858-560-4900	1-800-854-6046	1-858-560-1705

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